

ALDEN

PRODUCTS COMPANY

117 N. Main St., Brockton 64, Mass.

BULK RATE

U. S. Postage Paid
Brockton, Mass.
Permit No. 346

Electronic Design and Modelmaking Center



#5050 \$2900.00

A complete, self-contained electronics packaging center that can be basic insurance that your operations are phased into the trend to simplicity.

Designers, modelmakers and engineers in your organization will have at their fingertips all the mounting, housing, fastening, connecting and monitoring components . . . all the necessary tools to immediately construct simplified, reliable electronic equipment.

The Alden Work Center provides a unique place to work . . . a pre-fabricated, pre-engineered modular unit with built-in power and facilities and self-contained lighting and storage.

You'll have on hand, ready to use, portable cases, roll-in console units and conventional racks for every installation requirement.

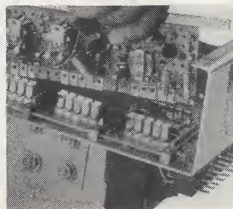
A complete series of building block kits ranging from an experimental breadboard assortment to the complete packaging of roll-in test or control equipment is available at great savings over individual component costs.

For further information circle 31J on business reply card.

New Chassis Crossover System

. . . for snap-in/snap-out circuit planes and solderless interconnections.

Crossover connector blocks and cards mount to underside of chassis to carry all interconnections between circuit cards and chassis-mounted components to a straight line input/output point at back connectors. Circuits can be printed, etched, conventionally wired or in combinations for maximum flexibility in all phases of design and manufacture.



The Alden Crossover System provides the optimum in fast, easy assembly, rapid servicing and easy maintenance.

For further information circle 31K on business reply card.

Silicone Insulated Tube Cap Connectors

A new series of Alden Silicone Insulated Tube Cap Connectors is designed for extreme operating temperatures (-65°F. to 750°F.).

The excellent dielectric characteristics make them ideal for high voltage — virtually unaffected by ozone or corona. Skirts and sealed in leads guard against flashover at high altitudes. Additional features include anti-corona cup and long life spring contacts.

The unique Alden "IMI" Technique makes it possible to mold in circuit elements such as resistors, condensers, chokes within the connector insulation.

For further information circle 31L on business reply card.

NEWS from ALDEN

VOL. III NO. I

COMPONENTS TO: MOUNT, HOUSE, FASTEN, CONNECT & MONITOR YOUR ELECTRONIC CIRCUITRY

New Interchassis Connecting System . . .

Tiny Indicating Lights . . .

use a minimum of space — provide maximum visibility, accessibility and reliability.

Any place you need a little light on the subject . . . winking, blinking or constant . . . use an Alden Pan-i-Lite to monitor electrical or mechanical functions, to pinpoint a specific malfunction, simplify checking and protect costly components.



This unique indicating light can be used anywhere. Simply snap-into a .348" hole and hook-up leads. Like a sealed-beam headlight the bulb-lens is a one-piece integral unit quickly installed/replaced from front.

Available in 5 colors: red, yellow, green, blue and white. 5 voltages: 6, 12, 28V incandescent; 110/220 volt neon. 180° Visibility — No false indication.

For further information circle 31B on business reply card.

Test Jack Mounts in 3 Seconds

. . . never comes loose.

Alden "Stak-in" test jacks with exclusive molded-in eyelet eliminate the need for nuts, washers and sleeves . . . cuts production costs to a fast, simple eye-letting operation. Rugged nylon jacks with reliable 360° beryllium copper contact can't vibrate loose, turn or fall out.

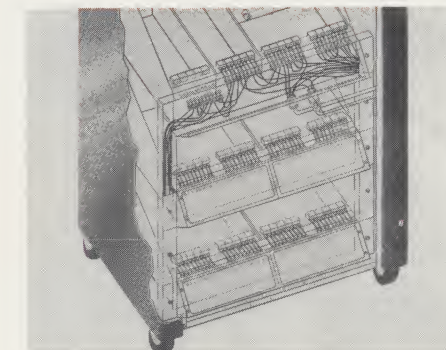


The bigger the volume, the greater the saving in time and labor. One major manufacturer of mobile radios saved 3.8¢ at each test point. Total savings: \$10,000.00.

Standard .080" size rated at 3.5KVDC. Available in 7 brilliant colors.

For further information circle 31C on business reply card.

Eliminates the high cost and inaccessibility of laced cables.



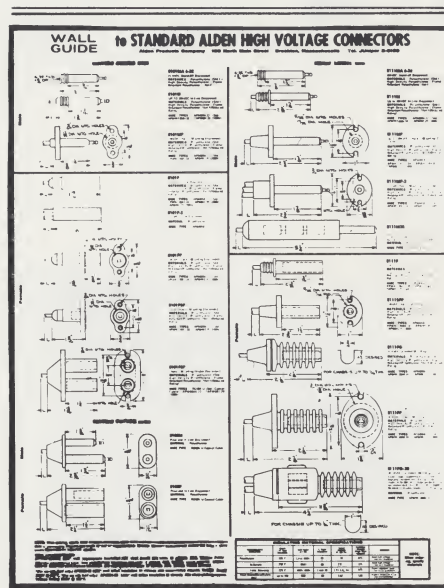
Alden Unitized Wiring Channels neatly enclose all interconnecting leads to provide shielding and protection from contamination. Color-coded leads, with contacts on each end for push-fit connections to Alden Back Connector tabs, can be stocked in standard, non-critical lengths; slotted channels automatically organize all wiring for fast, simple connections by unskilled workers.

All pertinent circuit function and test data can be made clear pictorially right at point-of-check for each input/output/interconnection in words, numbers, symbols and color-coding to make it practical for personnel anywhere in the world with minimum training to trace, test and repair malfunctions.

The Alden Interchassis Connecting System: cuts wiring time in half without the expense of skilled workers, eliminates production delays caused by laced cable rejections, provides unique flexibility for replacement or repair of interchassis wiring.

For further information circle 31A on business reply card.

High Voltage Connecting Problems . . . solved by return mail



A new Alden Wall Chart illustrates the complete series of standard Alden High Voltage Connectors with full-scale engineering drawings, connector specs, wire types and insulating material specs to simplify your planning, layout and specifying.

Engineering samples can be in your hands by return mail!

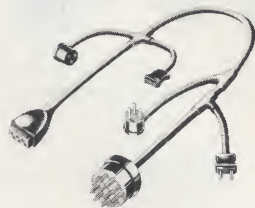
Unique Alden High Voltage Connectors are simpler, more reliable and less expensive than conventional designs; will tame arc-over and corona problems at voltages up to 30KVDC.

The exclusive Alden "IMI" (Integrally Molded Insulation) technique makes it possible to form the connector body in a single hot shot of insulating material directly around leads, contacts and any special circuit components such as chokes, resistors or corona shells.

This one shot technique actually adds reliability yet lowers production costs and these savings are passed on to you.

For free wall chart and further information circle 31D on business reply card.

New Highs in Connector/Cable Reliability



. . . Design simplicity and production flexibility make possible unit molded cables of any length, with any variety of connectors for any environmental conditions.

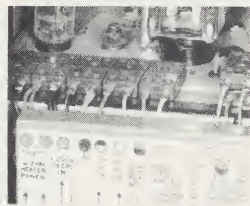
No matter what your problems . . . whether high voltage, high temperature, shock, vibration, contamination . . . Alden engineers can draw upon an extensive knowledge of molding compounds, contact materials and design techniques to provide the exact answer in simple, reliable connectors and unit cables.

Hundreds of standard Alden connector designs consistently provide ready answers to connecting problems throughout the industry but for specific connecting problems not easily solved with an off-the-shelf product you can take advantage of exclusive techniques and established design standards for multi-contact connectors designed exactly to your requirements.

For further information circle 31E on business reply card.

Straight-Line Point-of-Check

Alden Back Connectors make inputs/outputs/interconnections quickly and easily identifiable and accessible for quick circuit checks. All connections can be



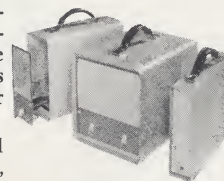
organized in a straight line with adequate spacing for clear labeling of circuit function, test data and color-coding for easy understanding anywhere in the world. Alden Back Connectors can eliminate once and for all the tedious job of constantly referring to circuit diagrams and chasing signals through a maze of wires terminating in a blind connector housing.

Wide mounting and mating tolerances compensate for sheet metal variations; floating contacts eliminate critical alignment problems and permit easy insertion and removal.

For further information circle 31F on business reply card.

Instrument Cases

Rugged steel construction and unique slide-in chassis make these off-the-shelf cases ideal for industrial or field use.



Recessed front panel protects lights, dials, etc. from damage; detachable power input is at rear, convenient, yet out of the way. 1/2 turn of Serve-a-Unit lock handle disconnects entire electronics section . . . chassis slides out for rapid access with circuitry neatly, logically sub-divided into snap-in planes.

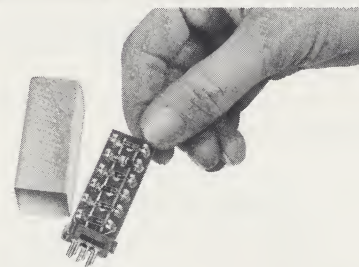
You can save hours of engineering time by organizing all inputs/outputs/interconnections at straight-line point-of-check at Alden Back Connectors . . . lay out controls and monitors at front panel and produce circuitry as separate sub-assemblies ready to snap into place.

Used with Alden Unit Construction System chassis are interchangeable between carrying case, consoles and racks.

Available in four widths complete with slide-in chassis, removable back panel, retractable leather handle and rubber feet.

For further information circle 31G on business reply card.

Miniature Circuit Modules



Simplify maintenance of complex Electronic Equipment.

With Alden Miniature Plug-in Packages smaller circuits can be packaged individually to practically eliminate down time on complex electronic equipment.

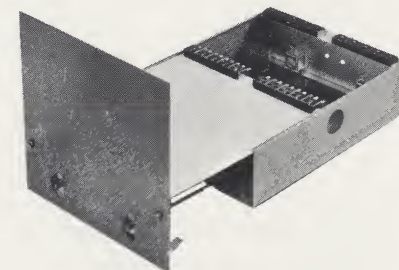
Any electrician can pinpoint malfunction — replace it with a plug-in spare and return the original for repair.

A great variety of circuits can be mounted in compact, plug-in packages. Available in a variety of sizes and layouts — color-coded — always accessible for quick checks or replacement.

For further information circle 31H on business reply card.

Modular, Slide-in Chassis

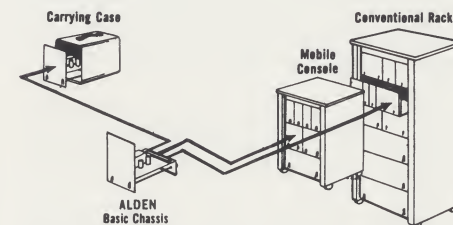
. . . makes it possible to design, construct and service your electronics equipment in 1/2 the time.



You can organize all inputs/outputs/interconnections on Alden Basic Chassis at a straight-line point-of-check at Alden Back Connectors . . . lay out controls and monitors at front panel and produce circuitry as separate, straight line sub-assemblies ready to snap-into place.

You can be sure of shorter lead time through the use of logical sub-assembly techniques and automatic separation of circuits to literally force good design.

Alden Basic Chassis are available off-the-shelf in modular sizes for design flexibility and convenience. Completed chassis can be a separate unit function ready to slide-in, lock-into: pre-engineered instrument cases, roll-in consoles or conventional racks.



The Alden Basic Chassis is an integral part of the Alden Unit Construction System . . . the only complete, standardized packaging system available to the electronics industry.

For further information circle 31I on business reply card.